

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE021425AL\
 Data File : FE052394.D
 Signal(s) : FID1B.ch
 Acq On : 14 Feb 2025 17:07
 Operator : YP\AJ
 Sample : Q1366-01MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

HD-01-2132025MSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 02/17/2025

Supervised By :Ankita Jodhani 02/17/2025

Integration File: autoint1.e

Quant Time: Feb 14 22:00:22 2025

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 021325.M

Quant Title : GC Extractables

Qlast Update : Fri Feb 14 00:50:00 2025

Response via : Initial Calibration

Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.917	4754096	25.432 ug/ml
Spiked Amount 50.000		Recovery =	50.86%
12) S 1-chlorooctadecane (S...	13.362	3574219	25.715 ug/mlm
Spiked Amount 50.000		Recovery =	51.43%
Target Compounds			
1) T n-Nonane (C9)	3.258	4712744	30.702 ug/ml
2) T n-Decane (C10)	4.520	5228475	33.475 ug/ml
3) T A~Naphthalene (C11.7)	6.229	6273261	36.310 ug/ml
4) T n-Dodecane (C12)	6.700	5655490	35.830 ug/ml
5) T A~2-methylnaphthalene...	7.332	5960998	35.493 ug/ml
6) T n-Tetradecane (C14)	8.539	5967722	37.887 ug/ml
7) T n-Hexadecane (C16)	10.153	5976273	36.566 ug/mlm
8) T n-Octadecane (C18)	11.603	5925767	35.814 ug/ml
10) T n-Eicosane (C20)	12.918	6024628	37.790 ug/ml
11) T n-Heneicosane (C21)	13.532	5694678	36.348 ug/ml
13) T n-Docosane (C22)	14.121	5658818	36.159 ug/ml
14) T n-Tetracosane (C24)	15.205	11470140	72.933 ug/mlm
15) T n-Hexacosane (C26)	16.254	5461807	35.263 ug/ml
16) T n-Octacosane (C28)	17.206	5442408	35.580 ug/ml
17) T n-Tricontane (C30)	18.097	5657762	36.245 ug/mlm
18) T n-Dotriacontane (C32)	18.932	5863546	38.319 ug/ml
19) T n-Tetratriacontane (C34)	19.718	5911873	41.556 ug/ml
20) T n-Hexatriacontane (C36)	20.459	5357272	42.983 ug/ml
21) T n-Octatriacontane (C38)	21.204	5113550	46.784 ug/ml
22) T n-Tetracontane (C40)	22.129	5208848	51.783 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE021425AL\
Data File : FE052394.D
Signal(s) : FID1B.ch
Acq On : 14 Feb 2025 17:07
Operator : YP\AJ
Sample : Q1366-01MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

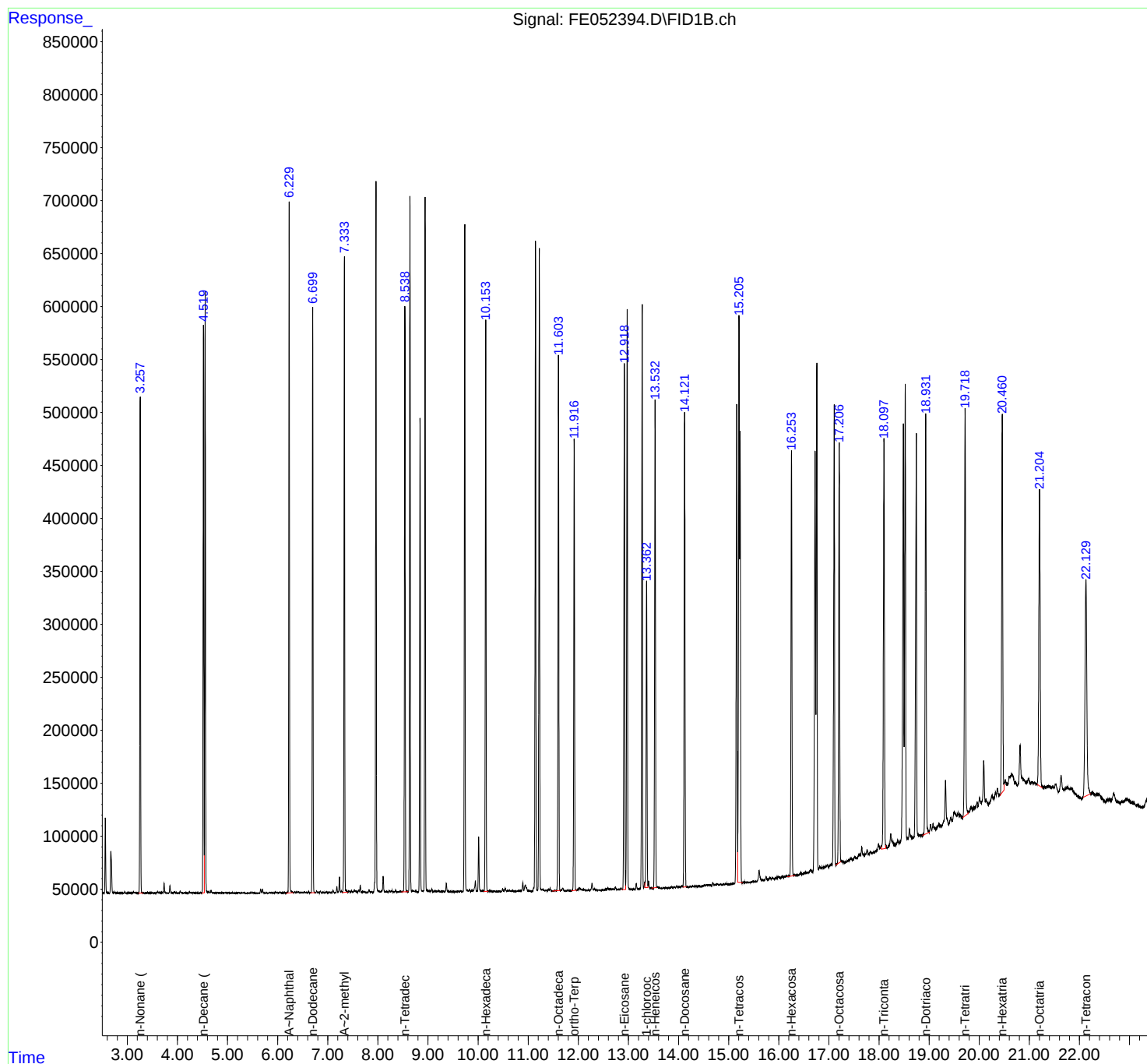
Instrument :
FID_E
ClientSampleId :
HD-01-2132025MSD

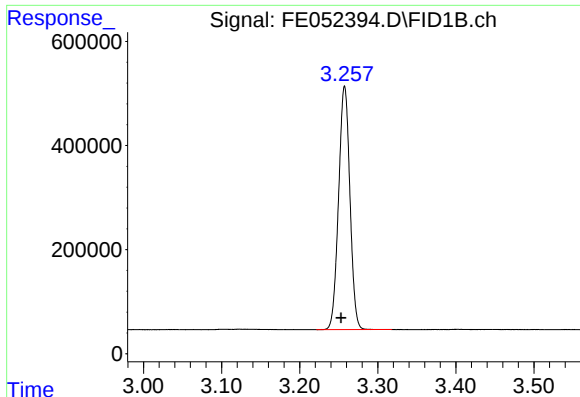
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/17/2025
Supervised By :Ankita Jodhani 02/17/2025

Integration File: autoint1.e
Quant Time: Feb 14 22:00:22 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 021325.M
Quant Title : GC Extractables
QLast Update : Fri Feb 14 00:50:00 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





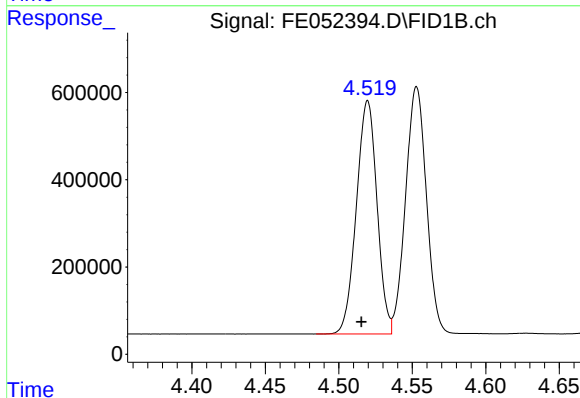
#1 n-Nonane (C9)

R.T.: 3.258 min
Delta R.T.: 0.005 min
Response: 4712744
Conc: 30.70 ug/ml

Instrument :
FID_E
ClientSampleId :
HD-01-2132025MSD

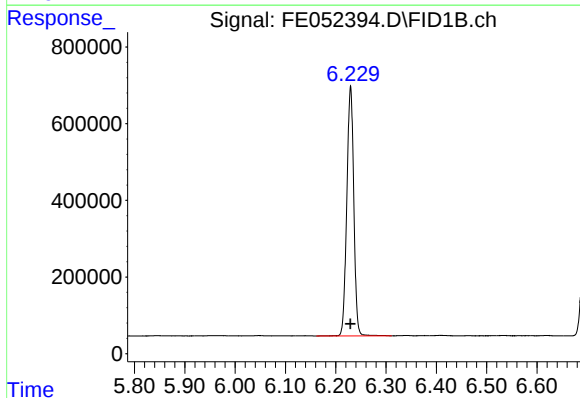
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/17/2025
Supervised By :Ankita Jodhani 02/17/2025



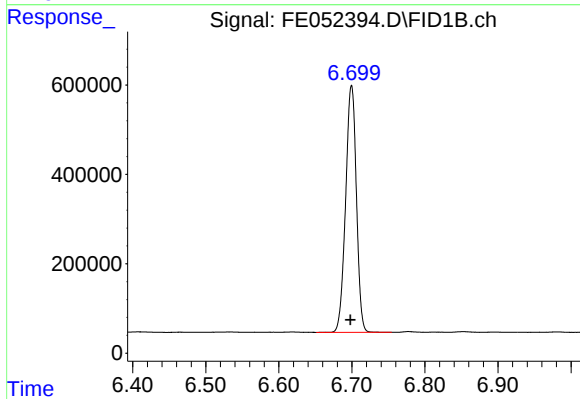
#2 n-Decane (C10)

R.T.: 4.520 min
Delta R.T.: 0.004 min
Response: 5228475
Conc: 33.48 ug/ml



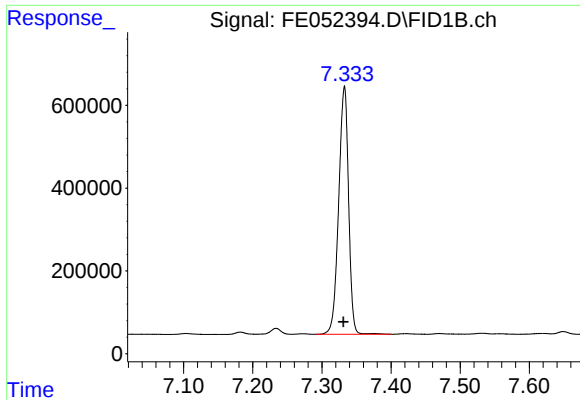
#3 A~Naphthalene (C11.7)

R.T.: 6.229 min
Delta R.T.: 0.000 min
Response: 6273261
Conc: 36.31 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.700 min
Delta R.T.: 0.001 min
Response: 5655490
Conc: 35.83 ug/ml



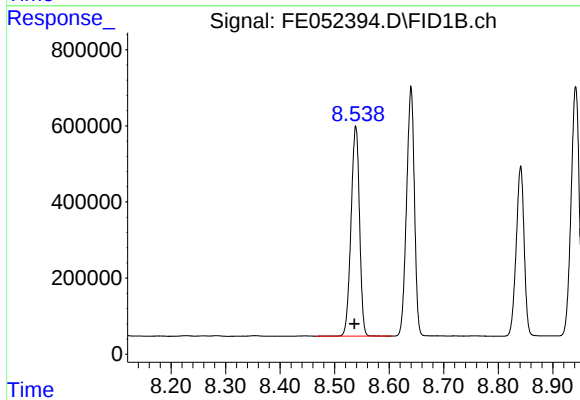
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.332 min
Delta R.T.: 0.001 min
Response: 5960998
Conc: 35.49 ug/ml

Instrument :
FID_E
ClientSampleId :
HD-01-2132025MSD

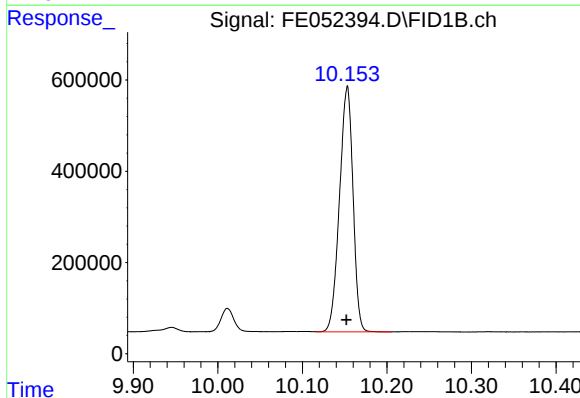
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/17/2025
Supervised By :Ankita Jodhani 02/17/2025



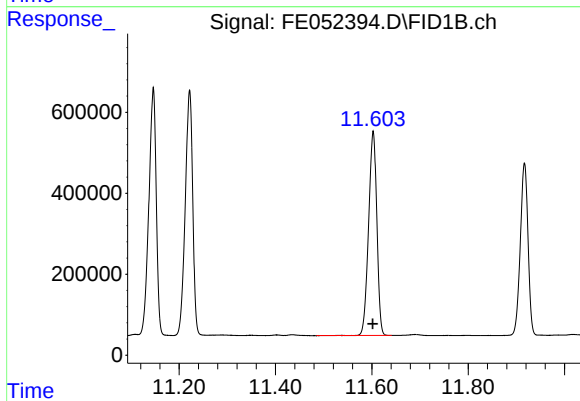
#6 n-Tetradecane (C14)

R.T.: 8.539 min
Delta R.T.: 0.002 min
Response: 5967722
Conc: 37.89 ug/ml



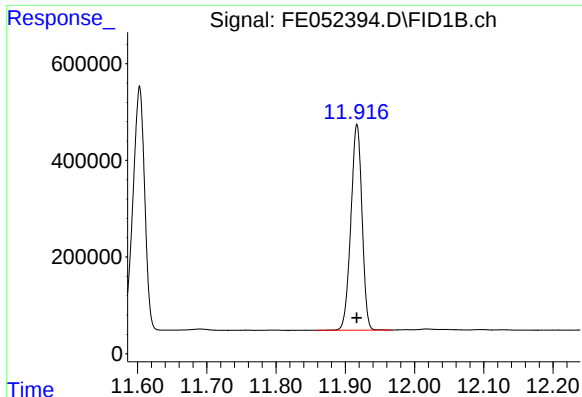
#7 n-Hexadecane (C16)

R.T.: 10.153 min
Delta R.T.: 0.001 min
Response: 5976273
Conc: 36.57 ug/ml m



#8 n-Octadecane (C18)

R.T.: 11.603 min
Delta R.T.: 0.000 min
Response: 5925767
Conc: 35.81 ug/ml



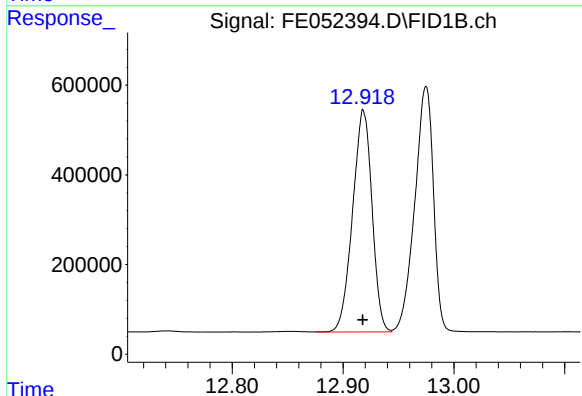
#9 ortho-Terphenyl (SURR)

R.T.: 11.917 min
Delta R.T.: 0.000 min
Response: 4754096
Conc: 25.43 ug/ml

Instrument :
FID_E
ClientSampleId :
HD-01-2132025MSD

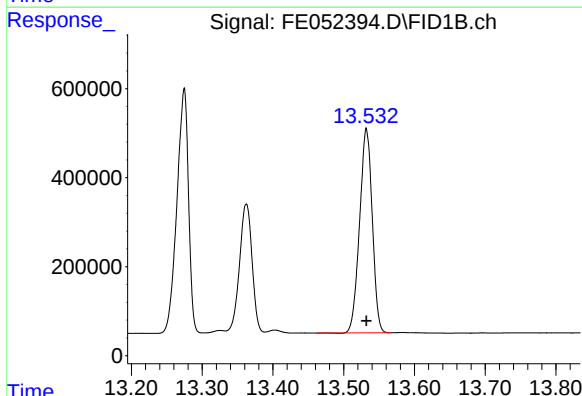
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/17/2025
Supervised By :Ankita Jodhani 02/17/2025



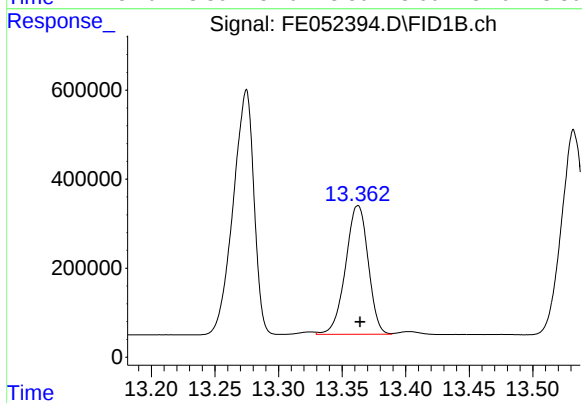
#10 n-Eicosane (C20)

R.T.: 12.918 min
Delta R.T.: 0.000 min
Response: 6024628
Conc: 37.79 ug/ml



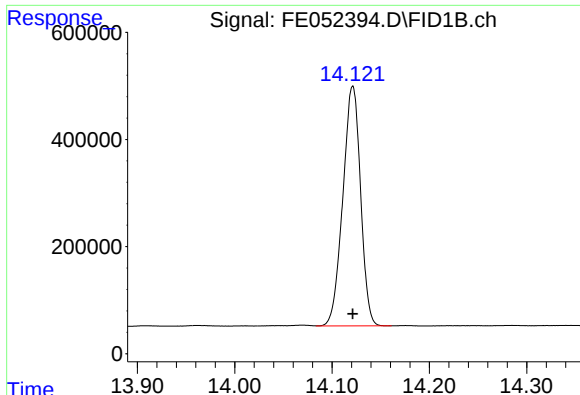
#11 n-Heneicosane (C21)

R.T.: 13.532 min
Delta R.T.: 0.000 min
Response: 5694678
Conc: 36.35 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.362 min
Delta R.T.: -0.002 min
Response: 3574219
Conc: 25.71 ug/ml m



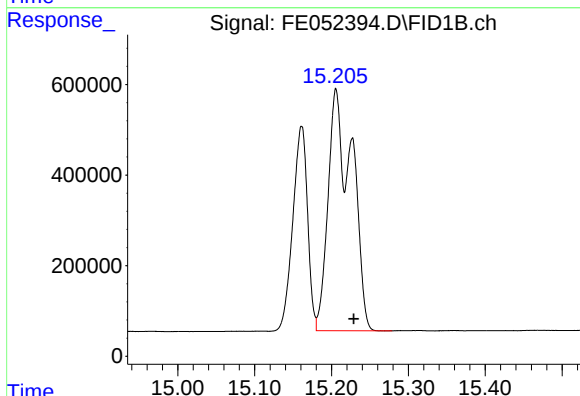
#13 n-Docosane (C22)

R.T.: 14.121 min
Delta R.T.: 0.000 min
Response: 5658818
Conc: 36.16 ug/ml

Instrument :
FID_E
ClientSampleId :
HD-01-2132025MSD

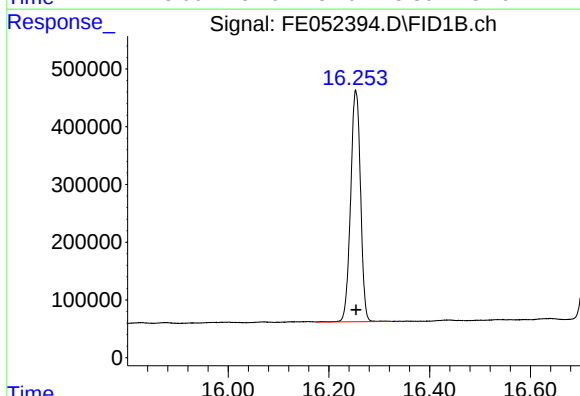
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/17/2025
Supervised By :Ankita Jodhani 02/17/2025



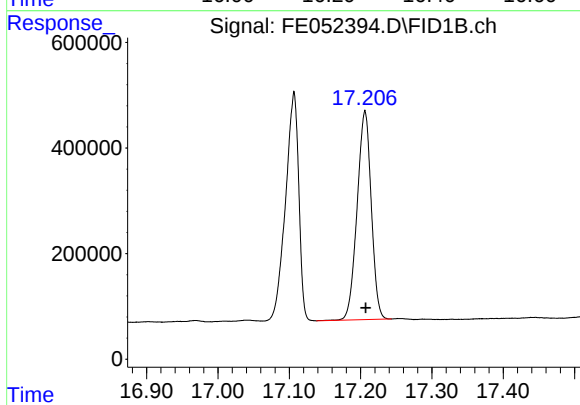
#14 n-Tetracosane (C24)

R.T.: 15.205 min
Delta R.T.: -0.024 min
Response: 11470140
Conc: 72.93 ug/ml m



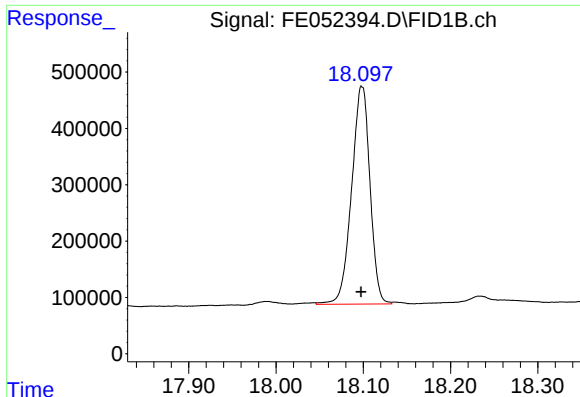
#15 n-Hexacosane (C26)

R.T.: 16.254 min
Delta R.T.: 0.000 min
Response: 5461807
Conc: 35.26 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.206 min
Delta R.T.: -0.002 min
Response: 5442408
Conc: 35.58 ug/ml



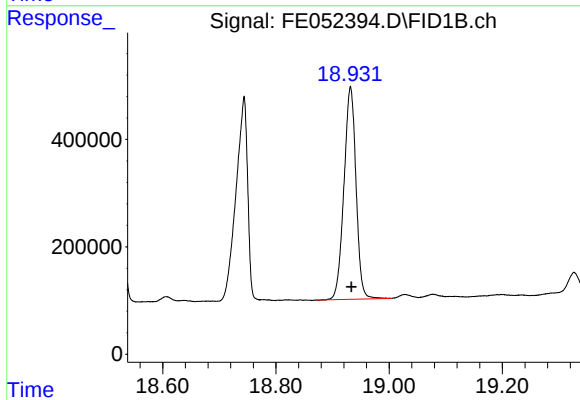
#17 n-Tricontane (C30)

R.T.: 18.097 min
Delta R.T.: 0.000 min
Response: 5657762
Conc: 36.24 ug/ml

Instrument :
FID_E
ClientSampleId :
HD-01-2132025MSD

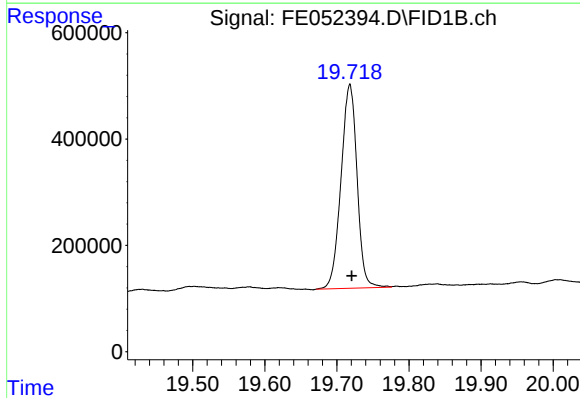
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/17/2025
Supervised By :Ankita Jodhani 02/17/2025



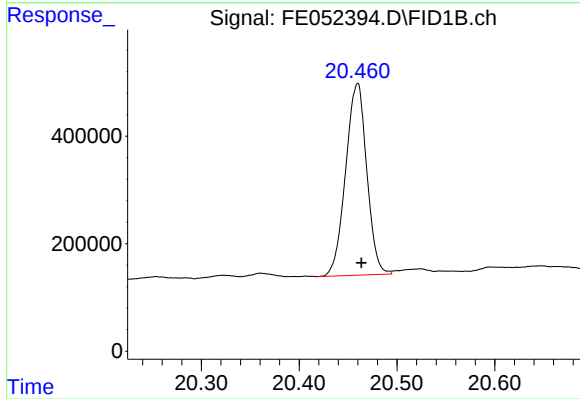
#18 n-Dotriacontane (C32)

R.T.: 18.932 min
Delta R.T.: -0.002 min
Response: 5863546
Conc: 38.32 ug/ml



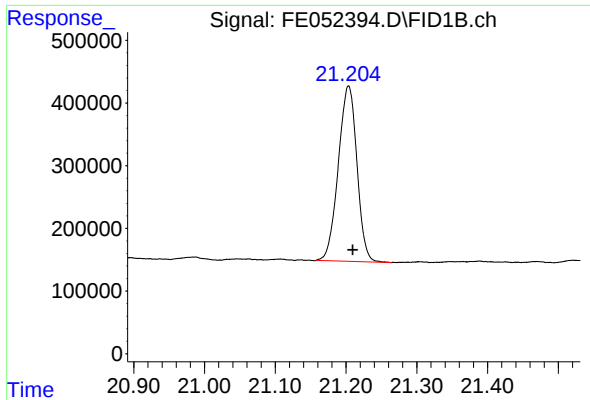
#19 n-Tetratriacontane (C34)

R.T.: 19.718 min
Delta R.T.: -0.003 min
Response: 5911873
Conc: 41.56 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.459 min
Delta R.T.: -0.004 min
Response: 5357272
Conc: 42.98 ug/ml



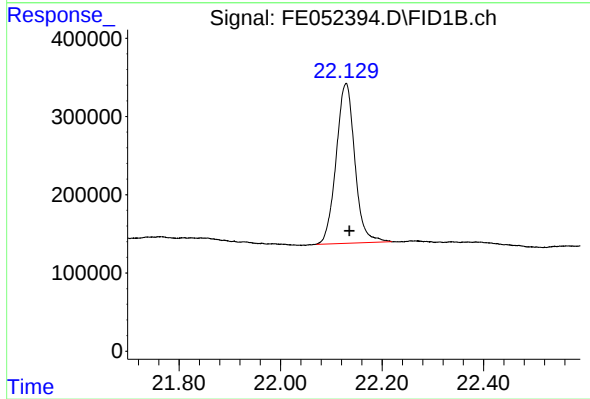
#21 n-Octatriacontane (C38)

R.T.: 21.204 min
Delta R.T.: -0.006 min
Response: 5113550
Conc: 46.78 ug/ml

Instrument :
FID_E
ClientSampleId :
HD-01-2132025MSD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/17/2025
Supervised By :Ankita Jodhani 02/17/2025



#22 n-Tetracontane (C40)

R.T.: 22.129 min
Delta R.T.: -0.006 min
Response: 5208848
Conc: 51.78 ug/ml m